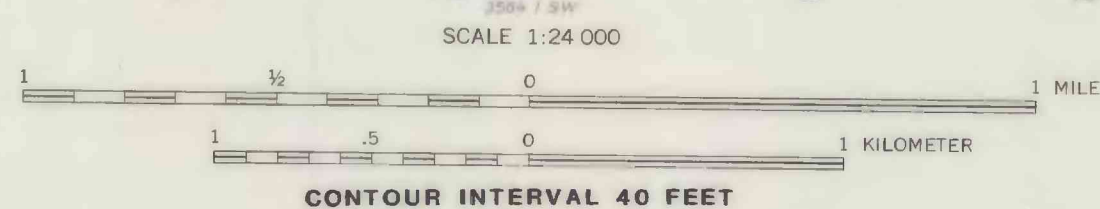


Base from U.S. Geological Survey, 1990

15°
MAGNETIC NORTH
APPROXIMATE MEAN
DECLINATION, 1988



Preliminary

Geology by E.W. Tooker and R.J. Roberts (unpublished
mapping—1960–1963, 1986, 1989–1991), Gilly (1932),
and Swensen (1975)

This map and report are preliminary and
have not been reviewed for conformity with
U.S. Geological Survey editorial standards or
with the North American Stratigraphic Code.
Any use of trade, product, or firm names is
for descriptive purposes only and does not
imply endorsement by the U.S. Government.



EXPLANATION

MAP UNITS IN THE LOWE PEAK 7 1/2-MIN. QUADRANGLE,
UTAH

The map units include unconsolidated and consolidated sedimentary
rocks and intrusive and extrusive igneous bodies. Descriptions of
individual units are referenced. Brief descriptions for most of them
are also provided in the explanatory text for the Plate.

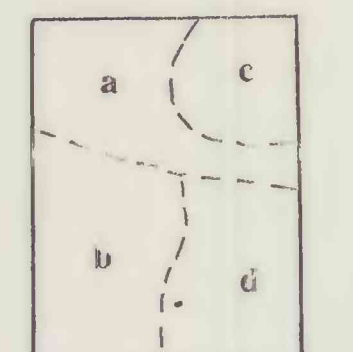
| | |
|---|---|
| Qod | Mine waste dump materials (Holocene) |
| Ql | Landslide debris (Holocene) |
| Qt | Talus deposits (Holocene and Pleistocene) |
| Qa | Alluvium (Holocene and Pleistocene) |
| Qh | Harkers Alluvium (Pleistocene)—Slantz (1955), Tooker and Roberts (1971) |
| Ti | Intrusive stocks, dikes, and sills (Oligocene, undivided)—Gilluly (1932), Moore (1973a), Lanier (1978) |
| lv | Volcanic flows, flow breccias, and lahatic breccias, undivided (Oligocene)—Smith (1961), Moore (1973b) |
| Oquirrh Group (Pennsylvanian)—Weish and James (1961), Tooker and Roberts (1970, 1988b) | |
| Pobc | Bingham Mine Formation, Clipper Ridge Member, (Upper Pennsylvanian) |
| Pobp | Butterfield Peaks Formation (Middle Pennsylvanian) |
| Pow | West Canyon Limestone (Lower Pennsylvanian) |
| PMm | Manning Canyon Shale (Lower Pennsylvanian and Upper Mississippian)—Gilluly (1932), Tooker and Roberts (1970) |
| Mgu | Great Blue Limestone (Upper Mississippian)— Gilluly (1932), Tooker and Gordon (1978) Upper limestone member |
| Mgtt | Long Trail Shale Member |
| Mgl | Lower limestone member |
| Mh | Humboldt Formation (Upper Mississippian)— Gilluly (1932) |
| MD | Deseret Limestone (Upper Mississippian)— Gilluly (1932) |
| Mg | Gardiner Limestone (Lower Mississippian)— Gilluly (1932), Morris and Lovering (1961) |
| MDP | Fitchville Formation (Lower Mississippian and Upper Devonian and Payson Peak Limestone (Upper Devonian), Undivided—Gilluly (1932) Morris and Lovering (1961) |
| Cl | Lynch Dolomite (Middle? and Upper Cambrian)— Gilluly (1932) |

CORRELATION OF MAP UNITS

| | | | | |
|--------------|------|------|---------------|------------|
| Qod | Ql | Qt | Holocene | Quaternary |
| Qa | Qh | | Pleistocene | |
| Unconformity | | | | |
| Tv | Ti | | Oligocene | Tertiary |
| Unconformity | | | | |
| Pobc | Pobp | Pow | Pennsylvanian | |
| PMm | Mgu | Mgtt | Mississippian | Paleozoic |
| Mgl | Mh | MD | Devonian | |
| Unconformity | | | | |
| MDP | | | | |
| Unconformity | | | | |
| Cl | | | Cambrian | |

Index to mapping

- a.—Roberts and Tooker
b.—Tooker
c.—Gilluly (1932), Moore (1973b)
Swensen (1975), Lanier (1978)
and Tooker
d.—Gilluly (1932) and Tooker



Lowe Peak Quadrangle

MAP SYMBOLS

